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OKLAHOMA VOCATIONAL RESEARCH COORDINATING UNIT.

BY- STEVENSON, WILLIAM

OKLAHOMA STATE UNIV., STILLWATER, AGRIC.-APPL.SCI.

REPORT NUMBER BR-5-D139

PUB DATE

66

CONTRACT OEC-5-85-129

EDRS PRICE MF-\$0 09 HC-\$0.80 20P.

DESCRIPTORS- *RESEARCH COORDINATING UNITS, *PROGRAM DESCRIPTIONS, *VOCATIONAL EDUCATION, *EDUCATIONAL RESEARCH, RESEARCH PROPOSALS, RESEARCH PROJECTS, INFORMATION DISSEMINATION, *STATE PROGRAMS, STILLWATER

ACTIVITIES OF THE OKLAHOMA VOCATIONAL RESEARCH COORDINATING UNIT (RCU) ARE REPORTED FOR THE INITIAL FUNDING PERIOD FROM JULY 15, 1965 TO NOVEMBER 30, 1966. THE OBJECTIVES OF THE UNIT WERE COORDINATING RESEARCH, GENERATING NEW IDEAS, ASSISTING RESEARCHERS, AND DISSEMINATING RESULTS. AN ADVISORY COMMITTEE CONSISTING OF VOCATIONAL TEACHERS AND BUSINESS REPRESENTATIVES, AND A CONSULTING COMMITTEE REPRESENTING INSTITUTIONS AND AGENCIES WERE ESTABLISHED. LISTED ARE (1) RESEARCH PROJECTS IN PROGRESS FOR EXAMPLE, (DEVELOPMENT OF A CURRICULUM GUIDE IN ELECTROMECHANICAL TECHNOLOGY), (2) PROPOSALS SUBMITTED UNDER PROVISIONS OF SECTION 4(C) OF THE VOCATIONAL EDUCATION ACT OF 1963 (FOR EXAMPLE, A PILOT STUDY FOR GAINFUL EMPLOYMENT IN HOME ECONOMICS), (3) PROPOSALS APPROVED FOR EXAMPLE, (A SUMMER INSTITUTE TO TRAIN DATA PROCESSING TEACHERS), (4) PROPOSALS PENDING (FOR EXAMPLE, PROJECT DEVELOPMENT FOR DISTRIBUTIVE EDUCATION CURRICULUMS), (5) RESEARCH PROJECTS APPROVED THROUGH OTHER AGENCIES (FOR EXAMPLE, SURVEY OF PHYSICAL DISABILITIES), (6) RESEARCH PROJECTS CONDUCTED BY THE RCU (FOR EXAMPLE, FOLLOWUP OF HOME ECONOMICS STUDENTS), AND (7) RESEARCH PROPOSALS BEING PREPARED (FOR EXAMPLE, PARAMEDICAL TEACHER EDUCATION PROGRAM). MANY OF THE LISTINGS ARE ANNOTATED. FINDINGS HAVE BEEN DISSEMINATED THROUGH (1) PUBLICATIONS SUCH AS BROCHURES, NEWSLETTERS, AND SUMMARIES, (2) STATE AND OUT-OF-STATE MEETINGS AND CONFERENCES, AND (3) ORAL REPORTS TO INTERESTED GROUPS. SOME 300 INDIVIDUAL RESEARCHERS HAVE BEEN ASSISTED BY THE RCU. (PS)

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FINAL REPORT

DR Project No. 5-0139

Contract No. CE-5-85-129

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OKLAHOMA



VOCATIONAL RESEARCH
COORDINATING UNIT

July 15, 1965 - November 30, 1966

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE

Office of Education
Bureau of Research

VT003144

**U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION**

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POSITION OR POLICY.**

**OKLAHOMA VOCATIONAL RESEARCH
COORDINATING UNIT**

**Project No. 5-0139
Contract No. OE-5-85-129**

Dr. William Stevenson

July 15, 1965 - November 30, 1966

The research reported herein was performed pursuant to a contract with the Office of Education, U. S. Department of Health, Education, and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their professional judgment in the conduct of the project. Points of view or opinions stated do not, therefore, necessarily represent official Office of Education position or policy.

Oklahoma State University

Stillwater, Oklahoma 74074

FINAL REPORT
PROJECT NUMBER 5-0139
VOCATIONAL RESEARCH COORDINATING UNIT FOR OKLAHOMA
July 15, 1966 - November 30, 1966

Introduction

Several factors working together brought about the formation of a Vocational Research Coordinating Unit in Oklahoma. Many people connected with vocational education in Oklahoma, as well as across the nation, had begun to realize that if our new found research capacity was to reach its greatest effectiveness, there must be direction, purpose, and coordination. Research, to the extent it was now being proposed, was new to most people in vocational education. True, some investigation had been done. Masters and Doctoral theses had been written, some professors of vocational education had contributed some very worthwhile work to the expansion of knowledge about their field, but no concentrated, well organized effort had been made to push back the frontiers of what we needed to know in order to meet the challenge facing us with the passage of the Vocational Educational Act of 1963.

If we are to respond to this clear statement of our nation's need we must open our minds to new thoughts, we must change our direction when it seems wise, and we must expand our approach to teaching. These words--new and change and expand--point clearly to the need for research; but research that is properly organized, directed, and coordinated. Hopefully the Research Unit in Oklahoma can assist with this organization, direction, and coordination of research in vocational education.

Objectives

1. Coordinating Research - The Research and Development unit will be clearing house for research proposals and ideas concerning occupational research throughout Oklahoma. It will aid agencies concerned with occupational research in knowing what is available in complete projects and what other agencies are doing. This information will be available from all states as well as Oklahoma. This will help avoid duplication and aid researchers to contact other people who are working on similar problems.

2. Generating New Ideas - An advisory committee from throughout Oklahoma composed of members of business, industry, labor, and education will be chosen to bring in problems from the field. This group of people will be representatives of all phases of occupational life in the state. The ideas and problems which they bring to focus will then be reviewed by the unit research staff and consultants to plan research programs to help solve the problems.

3. Assisting Researchers in Occupational Research - The unit will provide advisory assistance to research workers in the state to help them design and conduct programs. Proposals to be funded from other sources will be reviewed by members of the staff and consultants with suggestions given for their improvement. The unit will also keep up to date on possible sources of funds and advise the people concerned about these sources. A library of occupational research will be maintained for use of the state staff in vocational and technical education, Teacher Educators, and other interested persons.

4. Disseminating Results - The State Research Coordinating Unit will be the agency designed to disseminate results of occupational research conducted in Oklahoma.

Additional Objectives (Amendment December 1, 1965)

1. Provide additional assistance for researchers in vocational education in the area of research design and methodology.
2. Stimulate activities which will result in increased interest and improved competence in research, through individual and group consultation with occupational researchers.
3. Assist with design and analysis of research projects to be conducted by the staff of the Research Coordinating Unit.
4. Develop a procedure whereby relevant research findings may be disseminated to those individuals in vocational education who have need of, and will use, such information.
5. Develop curriculum guides and teaching materials as directed by research in vocational education.

Staffing

Dr. Bill W. Stevenson was appointed Director of the Research Coordinating Unit and Assistant Professor, College of Education, Oklahoma State University, July 15, 1965. Mr. Robert Walls was employed as a research assistant in Statistics and Computer Programming September 1, 1965. (one-half time) Mrs. Bill Collins was hired as a full-time secretary September 13, 1965.

This completed staffing of the Research Coordinating Unit as provided for in the original proposal. Upon submission of a supplemental proposal, additional personnel were authorized as follows: Dr. Don Frazier was appointed as Associate Research Specialist in Design and Methodology and Assistant Professor, College of Education, Oklahoma State University, January 1, 1966. Mrs. Dayna Breeden was hired as a half-time secretary January 17, 1966. Mrs. Linda Chadwick replaced Mrs. Collins as a full-time secretary July 1, 1966.

Advisory Committee

The following individuals have served as an Advisory Committee to the Vocational Research Coordinating Unit:

Mr. Clyde Quattlebaum, Vocational Agriculture Teacher	Vocational Agriculture
Mr. Bob Brown, Assistant State Supervisor	Vocational Business and Office Education
Mr. Ed Vaughn, D. E. Teacher Coordinator	Distributive Education
Mrs. Myrtle Thomas, Home Economics Instructor	Home Economics Education
Mrs. Edna Hill, Vocational School for Practical Nursing	Health Occupations Education
Mr. A. C. McQuigg, Northeastern A. & M College	Technical Training

Mr. Clyde Knight Trade and Industrial Instructor	Trade and Industrial Education
Mr. Jordan Reaves Sales Manager, Dulaneys	Business (Wholesale)
Mr. Reid Cox General Manager Oklahoma City Retailer Association	Business (Retail)
Mr. Jack Odom State Secretary, AFL-CIO	Organized Labor
Mr. Don Greve Sequoyah Mills	Manufacturing
Mr. Fred Ferrell, Jr. Elgin, Oklahoma	Agriculture
Miss Frances Waddel State Board for Nurse Registration and Nursing Education	Health Occupations

Consulting Committee

The following individuals have served as a Consulting Committee to the Vocational Research Coordinating Unit:

Dr. J. Paschal Twyman Associate Professor of Education and Associate Director of the Research Foundation, O.S.U.	Research Foundation, O.S.U.
Mr. Arch Alexander Supervisor of Special Services	Oklahoma State Department of Vocational Education
Dr. Solomon Sutker Professor of Sociology, O.S.U.	Behavioral Sciences
Dr. Maurice W. Roney Professor and Head, School of Industrial Education, O.S.U.	Vocational Technical Teacher Education, O.S.U.
Miss Mary Warren Professor and Chairman, School of Home Economics, O.U.	Vocational Teacher Education, O.U.
Mr. W. J. Bowman Chief, Research and Planning Division	Oklahoma Employment Security Commission

Research Projects in Progress

The following research projects were in progress under provisions of the Vocational Education Act of 1963, Section 4(c) at the time the Research Coordinating Unit was established:

A Research and Development Project in an Emerging Occupational Field-- Electromechanical Technology (Phase 1)

Development of a Curriculum
Guide in Electromechanical
Technology (Phase 2)

Dr. Maurice W. Roney
Oklahoma State University

Project Completed - Final report now being prepared

An Exploratory Analysis of the
Roles and Role Conflicts of Vocational
Teachers in Oklahoma

Dr. Solomon Sutker,
Dr. J. Paschal Twyman, and
Dr. John Egermeier
Oklahoma State University

Final report will be issued in February

Training Institute to Upgrade
Teachers of Vocational Agriculture
in Distributive Education and
Supervised Training in Off-Farm
Agricultural Occupations

Dr. William Lee Hull and
Dr. E. D. Edington
Oklahoma State University

The 1966 summer training institute to upgrade teachers of vocational agriculture in distributive education and supervised training in off-farm agricultural occupations was completed in August. The institute, which had thirty vocational agriculture teachers from twelve states, was directed by Dr. William Hull of the Agricultural Education Department, Oklahoma State University, and was taught by two distributive education coordinators. Real progress in the implementation of programs in training for off-farm agricultural occupations should result from the training received at this institute.

Approaches in Assessing Needs for,
Content of, and Factors to Consider
in Offering Home Economics Courses
for Gainful Employment

Dr. June Cozine
Oklahoma State University

Completed - Final report issued

Conference to Identify Concepts
Important to Youth Orientation
to the World of Work

Dr. Mary A. Warren
University of Oklahoma

**Completed - Further work funded through State Department of Vocational
Education**

Training Programs for Teachers
of Gainful Employment in Home
Economics

Dr. June Cozine
Oklahoma State University

Completed - Final report issued

Research Proposals Submitted

The following research proposals were reviewed and approved for submission for funds under provisions of Section 4(c) of the Vocational Education Act of 1963:

Proposal for Training Institute
in Vocational Guidance for High
School Counselors and Vocational
Educational Advisors

Dr. William P. Ewens
Oklahoma State University

Proposal for Training Institute
in Vocational Guidance and
Occupational Information for High
School Counselors and Vocational
Education Advisors

Dr. Joe Leone
University of Oklahoma

Summer Institute to Train Data
Processing Teachers for the New
Oklahoma State-wide Computer
Science System

Mr. Lee Hardwick
State Board for Vocational Education

The Determinants of Labor Force
Participation Rates, with Special
Reference to the Ozark Low-Income
Area

Dr. Robert L. Sandmeyer
Oklahoma State University

Additional Resources for the
Research Coordinating Unit for
Vocational Education in Oklahoma

Dr. William Stevenson
Oklahoma State University

A Pilot Study for Gainful
Employment in Home Economics

Dr. June Cozine
Oklahoma State University

High School Institute in Marketing
and Distribution for Distributive
Education Students

Mr. Ted Best
State Board for Vocational Education

An Experiment in Varying the
Timing of Reinforcement by Knowledge
of Correct Response in the Teaching
of Selected Related Learnings in
Transcription Classes

Mrs. Arnola Bose
Oklahoma State University

Communication of Concepts Important
for Youth Orientation to the World
of Work

Miss Mary Warren
Oklahoma University

**Continuation of Research
Coordinating Unit for Vocational
Education in Oklahoma**

**Dr. William Stevenson
Oklahoma State University**

**An Analysis of the Personal,
Social, and Economic Characteristics
of Vocational-Technical School
Trainees**

**Mr. Gordon Von Stroh
University of Oklahoma**

**Center for the Development and
Demonstration of a Learning
Materials System in Vocational
Agriculture**

**Dr. Ray Agan
Kansas State University
with: Oklahoma State University
Texas A and M University
Texas Technological College**

**Summer Institute to Train Data
Processing Teachers for the
Oklahoma State-wide Computer Science
System
Phase II**

**Dr. Francis Tuttle
Mr. Bill Powers
State Department of Vocational
Education**

**Project Development for Distrib-
utive Education Curricula**

**Mrs. Lucille Patton
Oklahoma State University**

Research Proposals Approved

The following proposals were approved by the Division of Adult and Vocational Research, U. S. Office of Education, for funding under provisions of Section 4(c) of the Vocational Education Act of 1963.

**Summer Institute to Train Data
Processing Teachers for the New
Oklahoma State-wide Computer
Science System**

**Mr. Lee Hardwick
State Board for Vocational Education**

The summer institute for 1966 has been completed with thirty-five trainees from eight states. A second proposal for the summer of 1967 has been submitted. The success of the first institute and the need for trained data processing teachers would seem to justify approval of an additional summer institute.

**Additional Resources for the
Research Coordinating Unit for
Vocational Education in Oklahoma**

**Dr. William Stevenson
Oklahoma State University**

Additional funds for the Oklahoma Research Coordinating Unit has made it possible to increase personnel and provide additional services to vocational education research.

**A Pilot Study for Gainful
Employment in Home Economics**

**Dr. June Cozine
Oklahoma State University**

This pilot study for gainful employment in home economics was begun in September in Stillwater public schools.

Continuation of Research Coordinating
Unit for Vocational Education in
Oklahoma

Dr. William Stevenson
Oklahoma State University

The Research Coordinating Unit has been funded through June 30, 1968, with support from the U. S. Office of Education, State Board for Vocational Education and Oklahoma State University.

Proposal Outline:

1. Director - Bill Stevenson
2. Associate Research Specialist in Research Design - Don Frazier
 - a. Assist researchers with design and methodology of research
 - b. Assist with writing of proposals to U. S. Office of Education
3. Research Assistant In Statistics (one-half time)
4. Three Research Assistants (one-half time)
 - a. Work with State Department to determine information needed for evaluation
 1. Follow-up studies
 2. Occupational opportunities
 3. Feed-back from employers and trainees
5. Secretarial help

Research Proposals Pending

The following research proposals are still under consideration by the Division of Adult and Vocational Research, U. S. Office of Education.

An Analysis of the Personal,
Social, and Economic Characteristics
of Vocational-Technical School
Trainees

Mr. Gordon Von Stroh
University of Oklahoma

Center for the Development and
Demonstration of a Learning
Materials System in Vocational
Agriculture

Dr. Ray Agan
Kansas State University
with: Oklahoma State University
Texas A & M University
Texas Technological College

Summer Institute to Train Data
Processing Teachers for the
Oklahoma State-wide Computer
Science System,
Phase II

Dr. Francis Tuttle
Mr. Bill Powers
State Department of Vocational Education

Project Development for Dis-
tributive Education Curricula

Mrs. Lucille Patton
Oklahoma State University

Research Projects Approved Through Other Agencies

Oklahoma Survey of Physical
Disabilities

Michael Bohleber, Project Director
Oklahoma State University

Part of a vocational rehabilitation project to provide training for
handicapped persons in Oklahoma through 1975. Sub-contracted from
Rehabilitation Department through Research Coordinating Unit to
Research Foundation, Oklahoma State University. Data collected,
analysis nearing completion. Report will be made in January.

A Proposal for a Manpower Research
Program at Oklahoma State
University

Dr. Robert L. Sandmeyer
U. S. Department of Labor

The Determinants of Labor
Force Participation Rates

Dr. Robert L. Sandmeyer
Oklahoma State University

Analysis of Job Satisfaction
of Employed Youth Involved in
Experimental School Dropout
Rehabilitation Program in
Oklahoma City

Dr. Caylen R. Wallace
U. S. Department of Labor

A Cooperative Analysis of the
Impact of Various Types of
Curricula on the Vocational
Success of School Dropouts

Mr. Gerald E. Boggs
U. S. Department of Labor

Generalizations Related to
Concepts Important for Youth
Orientation to the World of
Work

Miss Mary Warren
University of Oklahoma

Funded by State Board for Vocational Education

Research Projects Conducted by Research Coordinating Unit

A Study of Personnel Needs and Supply in Vocational Education

Report published and distributed to other Research Coordinating Units,
State Directors of Vocational Education, Vocational Teacher Training
Departments and U. S. Office of Education personnel.

A Study of the Plans of High School Students

State Agencies Cooperating and Supporting this study:

Oklahoma State Tech
 Oklahoma Association of School Administrators
 Oklahoma Regents for Higher Education
 Oklahoma Employment Security
 State Department of Education
 State Department of Vocational Education
 State Department of Vocational Rehabilitation
 Vocational Research Coordinating Unit
 Oklahoma Council of Educational Administration

Study will be completed and report made early in 1967.

Completed Study of Off-Farm Agricultural Occupations

Sponsored by the State Department of Vocational Education and Oklahoma State University. Report distributed to Oklahoma vocational agriculture teachers, State Department personnel, and other Research Coordinating Units.

Follow-up of Home Economics students

Assistance to State Supervisor and home economics teachers in collection and analysis of follow-up data, fall, 1966.

Evaluation of Transparencies in Trade and Industrial Education

Sets of transparencies in cosmetology, electricity, welding and auto mechanics have been developed by Oklahoma City Schools Manpower Project. All Oklahoma City teachers in the four skill areas are now using the transparencies in their instructional programs.

The cosmetology transparencies have been revised and edited by teachers and have been distributed to all public school cosmetology teachers in Oklahoma. The RCU is directing the evaluation of the use of the cosmetology projectuals as they are being used under controlled conditions in an evaluation of design. Results of the evaluation will be reported early in 1967.

Sets of transparencies in electricity, and welding have been made available by the RCU to three selected teachers in each skill area outside the Oklahoma City schools. After the teachers have used them during the 1966-67 school year, the RCU will conduct a conference with the teachers to refine and edit the sets and correlate them with the state course of study. The visuals will be distributed to all public school welding, electricity and electronics teachers in Oklahoma for use during the 1967-68 school year and made available with results of the evaluation early in 1968.

The set of auto mechanics transparencies have not as yet been reproduced for teacher use. We expect to be able to refine and edit them so that they will be ready for distribution on the schedule indicated above for the welding and electronics sets.

Research Projects Conducted by the Research Coordinating Unit

Follow-up Study of Vocational Students

The RCU in cooperation with the State Department of Vocational Education is developing a computerized follow-up procedure which will provide information on all graduates and trainees of all vocational programs in Oklahoma. The initial study will cover the years 1963 to 1966 with similar information added each following year. Complete placement and follow-up information will be available on each vocational student.

Special Curriculum Committee on Vocational Agriculture

The State Department of Vocational Education, the RCU, and the Department of Agricultural Education at Oklahoma State University cooperated in the evaluation and revision of lesson plans and curriculum in vocational agriculture. Twenty teachers of vocational agriculture were brought in to a two-day workshop at Oklahoma State University. These workshop participants, with the assistance of the RCU, State supervisory personnel, and teacher education personnel, evaluated and revised some 400 lesson plans. These lesson plans will be made available to all vocational agriculture teachers in Oklahoma.

Research Proposals Being Prepared

Paramedical Teacher Education Program

For the past several months, Dr. Frazier has been working with Charles McDaniels and Jacob Johnson from the Oklahoma University Center for Continuing Education; Dr. James L. Dennis, Director of the University of Oklahoma Medical Center and Dean of the School of Medicine; and Dr. Thomas C. Points, Director of the Health Intelligence Facility, in the preparation of a proposal to develop a system of paramedical education to serve the five state area including Arkansas, Louisiana, Texas, New Mexico and Oklahoma.

Much ground work has been laid to assure that the system is feasible, and the proposal is near completion.

A Total Community Approach to Solving the Educational and Cultural Problems of Indian Children in Selected Oklahoma Schools

Many of the Indian students in Oklahoma's public schools are not benefiting fully from their educational opportunities. This is demonstrated in high drop-out rates, poor attendance, lack of participation, and lack of vocational training. This proposal would initiate a special pre-vocational, work-oriented class at the seventh and eighth grade level aimed at correcting the special problems faced by Indian children.

Dissemination of Research Findings

Summary of Research in Vocational Education

Distributed to all Oklahoma vocational teachers.

Job Title Profiles in Off-Farm Agricultural Occupations

Distributed to Oklahoma vocational agriculture teachers, Research Coordinating Units, Agricultural Education Departments, and Vocational Agriculture Supervisors.

Employment Opportunities and Training Needs in Off-Farm Agricultural Occupations

Distributed to Oklahoma vocational agriculture teachers, Research Coordinating Units, Agricultural Education Departments, and Vocational Agriculture Supervisors.

Personnel Needs and Supply in Vocational Education

Distributed to State Directors of Vocational Education, Vocational Teacher Training Departments, Research Coordinating Units, and U. S. Office of Education personnel.

Brochure on Oklahoma Vocational Research Coordinating Unit

Distributed to all interested parties.

Vocational Education Information Newsletter

Distributed bi-monthly to all Oklahoma vocational teachers and other interested parties.

Out-of-State Meetings and Conferences

Research Coordinating Unit Clinic; Washington, D. C.; July 20-30, 1965
Stevenson

National Seminar on Agricultural Education Program Development and Research;
Ohio State University; August 9-13, 1965
Stevenson

Agricultural Occupations Summarization Meeting; Ohio State University;
January 31-February 4, 1966
Stevenson and Frazier

Conference on Proposal for the Development and Demonstration of a Learning
Materials Center; Kansas State University; June 1, 1966
Stevenson

Southern Regional Conference on Vocational Education; Dallas, Texas
Stevenson

Southern Regional Research Committee; North Carolina State University;
July 27-29, 1966
Stevenson

National Seminar on Cooperative Education; Ohio State University; August 1-5, 1966
Frazier

RCU Directors Meeting; Washington, D. C.; September 21-23, 1966
Stevenson

Southwest Educational Laboratory; Albuquerque, New Mexico RCU; Sante Fe, New Mexico;
October 11-13, 1966
Stevenson

McREL (Mid-Continent Research Educational Laboratory); Kansas City, Missouri;
Advisory Committee on Vocational Technical Education; November 7, 1966
Stevenson

Conference on Expansion of Paola School Project; Paola, Kansas; November 15, 1966
Stevenson

State-Wide Meetings and Conferences on Vocational Education

Planning Session for Supplementary Educational Center; Oklahoma City Schools

Director of Research Coordinating Unit will serve on Evaluation Committee

Research Seminar - Seminar on Research for those attending Research Conferences
Sponsored by Cornell University through U. S. Office of Education

Dr. June Cozine - Curriculum Development

Dr. John Egermeier - Research Design

Mr. Arch Alexander - Occupational Mobility and Migration

Dr. Bob Griffith - Tests and Measurements

Dr. William Hull - AERA Meeting

Dr. Bill Stevenson - Development and Coordination of Research

Dr. Don Frazier - Research by State Research Coordinating Unit

Dr. Larry Hayes - Representing College of Education

(Additional meeting of this group has been suggested and will be
arranged by the Research Coordinating Unit)

Oklahoma Commission on Education Administration
(Report on Research in Vocational Education)

Meeting of Oklahoma Adult Education Association

One-Day Workshops for Guidance and Counseling Personnel

Reports on Research in Vocational Education

Personnel of the Research Coordinating Unit have appeared before the following
groups to report on research in Vocational Education:

Summer Conference for Vocational Agriculture Teachers

Summer Workshop for Vocational Business and Office Education Teachers

Summer Conference for Vocational Trade and Industrial Teachers

Oklahoma Vocational Association Meeting

Conference for Distributive Education Teachers

Summer Conference for Vocational Home Economics Teachers

Vocational Agriculture Summer Institute

Civic Club; Minco, Oklahoma

Mid-Winter Conference for Vocational Agriculture Teachers

FFA Leadership Training Conference

Delta Pi Epsilon - Professors and Graduate Students in Business Education

Oklahoma Technical Society

Vocational Guidance and Counseling One-Day Workshops

Oklahoma Vocational Association Meeting - T&I Section, Report on Follow-Up Study

Other Activities

Developed set of slides and script on Off-Farm Agricultural Occupations
(150 sets distributed nationally)

Developing set of slides and script on Vocational Education
(will be available for use in Oklahoma and nationally)

Director served on National Committee on Summarization of Research in
Off-Farm Agricultural Occupations

Contributed to following publications:

Summary of Research Findings in Off-Farm Agricultural Occupations; Ohio
State University; August, 1965

Occupational Guidance for Off-Farm Agriculture; Ohio State University;
December, 1965

The Research Foundation, Oklahoma State University, and the Research Institute, Oklahoma University, in cooperation with the RCU are compiling vita information on all staff members interested in doing research in vocational education.

Two groups have been organized at Oklahoma State University to discuss research in education and vocational education. The Research Information Exchange Committee meets bi-monthly to hear reports on on-going research projects. The Research Committee meets on call to discuss new research ideas and to keep informed on priorities in educational research.

During October and November of 1966, Bill Stevenson and Don Frazier held one-day conferences with administrative and vocational-technical staff at each of the following Oklahoma colleges:

Northeastern Oklahoma A & M College Northeastern State College

Connors State Agricultural College
 Panhandle A & M College
 Northwestern State College
 Southwestern State College
 Murray State Agricultural College
 El Reno Junior College

Eastern Oklahoma A & M College
 East Central State College
 Southwestern State College
 Cameron State Agricultural College
 Northern Oklahoma College

Purposes of the conferences were (1) to establish communications and working relationships with college teachers and administrators who are interested in and/or working in vocational-technical education--but who are not, because of state regulations, directly supported or supervised by the State Board for Vocational Education, and (2) to orient them to the purposes and services of the RCU.

Assistance to Researchers in Vocational Education

Individual Conferences with Researchers in Vocational Education (275)

Group Planning Conferences on Proposals for Research in Vocational Education (65)

Group Planning Conferences on Research in Vocational Education (50)

Talks to groups on Research in Vocational Education (38)

State-wide meetings with Other Education Groups (5)

Visits to Local Schools (60)

Out-of-state Conferences and Meetings (12)

Mr. Walls' work with Researchers and Project Directors on Statistics and Analysis of Data (22)

Individuals doing research in Vocational-Technical Education for Masters or Doctors Degree who have had assistance from the Research Coordinating Unit (18)

Visits by U. S. Office of Education Personnel

- The Research Coordinating Unit for Oklahoma was privileged to have visits by Dr. John Bean, Project Officer, and Dr. Otto Legg, Research Specialist. These men gave assistance and suggestions which have proven valuable to the Unit.
- It is hoped that this practice will be continued and increased in the future.

Observations

The preceding report is an attempt to take an objective look at the activities of the Research Coordinating Unit for Oklahoma. Such a report can only partially record the progress which the Unit has made toward reaching its stated objectives. A more subjective view is necessary, though harder to bring into focus, if a complete analysis is to be made of the accomplishments and contributions which the Unit has made to vocational research.

Briefly, the objectives as stated in the proposal were:

1. Coordinating research
2. Generating new ideas
3. Assisting researchers
4. Disseminating results

The first part of this report, which deals with numbers of activities, proposals, meetings, etc., gives some indication of the effectiveness of the Research Coordinating Unit in reaching these stated goals. There are, however, certain other benefits which have resulted that are not so easily enumerated. The following observations are an attempt to point up some of these less concrete results:

1. Sufficient change in behavior and attitude of vocational teachers may be observed to conclude that they have become increasingly aware of the contribution which research can and is making to improvement in teaching.
2. During the period of time the Research Coordinating Unit has been in operation, an increasing number of individuals and agency representatives have become aware of and have voluntarily offered to work with the Unit.
3. Through the efforts of the Research Coordinating Unit, personnel of State Agencies interested in the improvement of education have cooperated in a united effort to solve educational problems.
4. Educators and researchers are becoming increasingly aware of the services of the Research Coordinating Unit and are availing themselves of these services as well as referring other researchers to the Unit for assistance.
5. Graduate students and experienced researchers from vocational education and other disciplines are beginning to seek the advice of the Research Coordinating Unit staff for assistance in identifying research problems in vocational education.

Priorities for Improved Services to Vocational Research

One primary purpose of such a report should be not only to record what has been done but to determine those activities which should receive greater emphasis in order to assure increased benefits to vocational education. As the past year's work is reviewed, certain areas of activities appear to require more concentrated effort on the part of the personnel of the Unit. Some of these areas recognized as needing increased attention are included below. It is hoped that those reviewing this report will give special attention to this section in order that the Research Coordinating Unit may have the benefit of their thinking on how the Unit may render greater service to vocational education in the area of research.

1. Greater assistance to State Department of Vocational Education in obtaining information necessary to effectively evaluate programs.

2. Increased role as coordinator of research through more effective communication of current, relevant research findings to researchers, leaders, and teachers in vocational education.
3. Increased involvement of vocational teachers in applicable phases of the research process.
4. Increased involvement of researchers from other disciplines toward the solution of problems in vocational education.
5. More effective translation of research findings into guidelines which will result in changed and improved programs of vocational education.